

# I-Chao Shen

jdilyshen@gmail.com • <http://ichaoshen.com>

## Research Interests

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■ geometry processing   ■ image/video editing

## Education

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### National Taiwan University

*Master in Information Management and MBA*

Advised by Bing-Yu Chen. Thesis: “Gradient-Domain Stereoscopic Image Cloning”.

(“Perspective-aware Warping for Seamless Stereoscopic Image Cloning”, SIGGRAPH ASIA 2012)

**Taipei, Taiwan**

*Sep 2009 - June 2011*

### National Taiwan University

*Bachelor in Information Management*

**Taipei, Taiwan**

*Sep 2005 - June 2009*

## Working Experiences

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### Research Assistant

*Research Center for Information Technology Innovation, Academia Sinica*

*PI : Wen-Huang Cheng*

*Sep 2011 - Present*

### Teaching Assistant

*Information Management, National Taiwan University*

*Course : Computer Organization and Structure*

*Instructor : Prof. Bing-Yu Chen*

*Fall 2009*

## Publications

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**2014** .....

### Geometrically Consistent Stereoscopic Image Editing using Patch-based Synthesis

Sheng-Jie Luo, Ying-Tse Sun, I-Chao Shen, Bing-Yu Chen, and Yung-Yu Chuang

Accepted by Transaction on Visualization and Computer Graphics

**2013** .....

### Stroke-guided Image Synthesis for Skeletal Structure Editing

Sheng-Jie Luo, Chin-Yu Lin, I-Chao Shen, and Bing-Yu Chen

Computer Graphics Forum (Proceedings of Pacific Graphics 2013)

### Painting Photolization

Chien-Wen Jung, I-Chao Shen, Sheng-Jie Luo, Bing-Yu Chen, and Wen-Huang Cheng

ACM SIGGRAPH ASIA Poster Program 2013

**2012** .....

### Perspective-Aware Warping for Seamless Stereoscopic Image Cloning

Sheng-Jie Luo, I-Chao Shen, Bing-Yu Chen, Wen-Huang Cheng, and Yung-Yu Chuang

ACM Transactions on Graphics (Proceedings of SIGGRAPH Asia 2012).

### Texturing and Deforming Meshes with Casual Images

I-Chao Shen, Yi-Hua Wang, Yu-Mei Chen, Bing-Yu Chen, and Wen-Huang Cheng

ACM SIGGRAPH ASIA Poster Program 2012

### User-Assisted Disparity Maps

Hsin-Yi Chen, Yi-Shan Lin, I-Chao Shen, Sheng-Jie Luo, Wen-Huang Cheng and Bing-Yu Chen

Pacific Graphics 2012 short paper

**2010** .....

**MusicSpace: You “Play” The Music**

Chun-Yu Tsai, Hung-Jung Lin, Tzu-Hao Kuo, Kai-Yin Cheng, I-Chao Shen, Bing-Yu Chen, and Rung-Huei Liang  
ACM SIGGRAPH Poster Program 2010

**Professional Services**

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**Reviewer:** Pacific Graphics 2013, CAD/Graphics 2013

**Computer Skills**

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***Programming Language:*** C/C++, Python, Matlab, Java, JavaScript

***Programming Package(Computer Graphics/Vision):*** CGAL, OpenMesh, OpenCV, OpenGL, Qt, GPU  
Programming(CUDA)